

| L Number | Hits    | Search Text   | DB                             | Time stamp          |
|----------|---------|---|--------------------------------|---------------------|
| 1        | 1560    | 380/200-202.ccls. or 380/281-282.ccls. or 380/284.ccls. or 380/44.ccls. or 380/46.ccls.   | USPAT;<br>EPO; JPO;<br>DERWENT | 2004/09/23<br>08:48 |
| 2        | 1752    | 713/168-169.ccls. or 713/171.ccls. or 713/176.ccls. or 713/189.ccls. or 713/193.ccls.   | USPAT;<br>EPO; JPO;<br>DERWENT | 2004/09/23<br>08:49 |
| 3        | 396     | 705/50-51.ccls.   | USPAT;<br>EPO; JPO;<br>DERWENT | 2004/09/23<br>08:49 |
| 4        | 3265    | (380/200-202.ccls. or 380/281-282.ccls. or 380/284.ccls. or 380/44.ccls. or 380/46.ccls.) or (713/168-169.ccls. or 713/171.ccls. or 713/176.ccls. or 713/189.ccls. or 713/193.ccls.) or 705/50-51.ccls.   | USPAT;<br>EPO; JPO;<br>DERWENT | 2004/09/23<br>08:49 |
| 5        | 4969475 | secret near2 key or symmetric near2 key or DES  | USPAT;<br>EPO; JPO;<br>DERWENT | 2004/09/23<br>08:50 |
| 6        | 6232    | (transmit\$4 or send\$4 or sent or forward\$4 or receiv\$4) near4 (medium adj2 key or apparatus adj2 key or serial adj2 number or medium adj2 ID or hardware adj2 ID or apparatus adj2 ID or hardware adj2 key or device adj2 ID or device adj2 key or server adj2 ID or server adj2 key or transceiver adj2 ID or transceiver adj2 key or computer adj2 ID or computer adj2 key or server adj2 ID or server adj2 key or machine adj2 ID or machine adj2 key or transmitter adj2 ID or transmitter adj2 key)  | USPAT;<br>EPO; JPO;<br>DERWENT | 2004/09/23<br>08:57 |
| 7        | 1237    | (mutual\$5 near3 authenticat\$4) or (cross near3 authenticat\$4) or (mutual near3 verif\$6) or (cross near3 verif\$6)   | USPAT;<br>EPO; JPO;<br>DERWENT | 2004/09/23<br>08:57 |
| 8        | 273     | exchang\$5 near4 (medium adj2 key or apparatus adj2 key or serial adj2 number or medium adj2 ID or hardware adj2 ID or apparatus adj2 ID or hardware adj2 key or device adj2 ID or device adj2 key or server adj2 ID or server adj2 key or transceiver adj2 ID or transceiver adj2 key or computer adj2 ID or computer adj2 key or server adj2 ID or server adj2 key or machine adj2 ID or machine adj2 key or transmitter adj2 ID or transmitter adj2 key)   | USPAT;<br>EPO; JPO;<br>DERWENT | 2004/09/23<br>08:57 |
| 9        | 1497    | (exchang\$5 near4 (medium adj2 key or apparatus adj2 key or serial adj2 number or medium adj2 ID or hardware adj2 ID or apparatus adj2 ID or hardware adj2 key or device adj2 ID or device adj2 key or server adj2 ID or server adj2 key or transceiver adj2 ID or transceiver adj2 key or computer adj2 ID or computer adj2 key or server adj2 ID or server adj2 key or machine adj2 ID or machine adj2 key or transmitter adj2 ID or transmitter adj2 key) ) or ((mutual\$5 near3 authenticat\$4) or (cross near3 authenticat\$4) or (mutual near3 verif\$6) or (cross near3 verif\$6)) | USPAT;<br>EPO; JPO;<br>DERWENT | 2004/09/23<br>08:58 |

|    |         |   |                                |                     |
|----|---------|---|--------------------------------|---------------------|
| 10 | 639     | (secret near2 key or symmetric near2 key or DES) and ((exchang\$5 near4 (medium adj2 key or apparatus adj2 key or serial adj2 number or medium adj2 ID or hardware adj2 ID or apparatus adj2 ID or hardware adj2 key or device adj2 ID or device adj2 key or server adj2 ID or server adj2 key or transceiver adj2 ID or transceiver adj2 key or computer adj2 ID or computer adj2 key or server adj2 ID or server adj2 key or machine adj2 ID or machine adj2 key or transmitter adj2 ID or transmitter adj2 key) ) or ((mutual\$5 near3 authenticat\$4) or (cross near3 authenticat\$4) or (mutual near3 verif\$6) or (cross near3 verif\$6)))  | USPAT;<br>EPO; JPO;<br>DERWENT | 2004/09/23<br>08:58 |
| 11 | 130     | ((380/200-202.ccls. or 380/281-282.ccls. or 380/284.ccls. or 380/44.ccls. or 380/46.ccls.) or (713/168-169.ccls. or 713/171.ccls. or 713/176.ccls. or 713/189.ccls. or 713/193.ccls.) or 705/50-51.ccls.) and ((secret near2 key or symmetric near2 key or DES) and ((exchang\$5 near4 (medium adj2 key or apparatus adj2 key or serial adj2 number or medium adj2 ID or hardware adj2 ID or apparatus adj2 ID or hardware adj2 key or device adj2 ID or device adj2 key or server adj2 ID or server adj2 key or transceiver adj2 ID or transceiver adj2 key or computer adj2 ID or computer adj2 key or server adj2 ID or server adj2 key or machine adj2 ID or machine adj2 key or transmitter adj2 ID or transmitter adj2 key) ) or ((mutual\$5 near3 authenticat\$4) or (cross near3 authenticat\$4) or (mutual near3 verif\$6) or (cross near3 verif\$6))) | USPAT;<br>EPO; JPO;<br>DERWENT | 2004/09/23<br>08:59 |
| 12 | 1861246 | record\$4 near2 medium or copy\$4 or write\$4 or record\$4 or record\$ adj2 apparatus   | USPAT;<br>EPO; JPO;<br>DERWENT | 2004/09/23<br>09:02 |
| 13 | 393     | ((secret near2 key or symmetric near2 key or DES) and ((exchang\$5 near4 (medium adj2 key or apparatus adj2 key or serial adj2 number or medium adj2 ID or hardware adj2 ID or apparatus adj2 ID or hardware adj2 key or device adj2 ID or device adj2 key or server adj2 ID or server adj2 key or transceiver adj2 ID or transceiver adj2 key or computer adj2 ID or computer adj2 key or server adj2 ID or server adj2 key or machine adj2 ID or machine adj2 key or transmitter adj2 ID or transmitter adj2 key) ) or ((mutual\$5 near3 authenticat\$4) or (cross near3 authenticat\$4) or (mutual near3 verif\$6) or (cross near3 verif\$6))) and (record\$4 near2 medium or copy\$4 or write\$4 or record\$4 or record\$ adj2 apparatus)   | USPAT;<br>EPO; JPO;<br>DERWENT | 2004/09/23<br>09:02 |

|    |    |   |                                |                     |
|----|----|---|--------------------------------|---------------------|
| 14 | 94 | (record\$4 near2 medium or copy\$4 or write\$4 or record\$4 or record\$ adj2 apparatus) and (((380/200-202.ccls. or 380/281-282.ccls. or 380/284.ccls. or 380/44.ccls. or 380/46.ccls.) or (713/168-169.ccls. or 713/171.ccls. or 713/176.ccls. or 713/189.ccls. or 713/193.ccls.) or 705/50-51.ccls.) and ((secret near2 key or symmetric near2 key or DES) and ((exchang\$5 near4 (medium adj2 key or apparatus adj2 key or serial adj2 number or medium adj2 ID or hardware adj2 ID or apparatus adj2 ID or hardware adj2 key or device adj2 ID or device adj2 key or server adj2 ID or server adj2 key or transceiver adj2 ID or transceiver adj2 key or computer adj2 ID or computer adj2 key or server adj2 ID or server adj2 key or machine adj2 ID or machine adj2 key or transmitter adj2 ID or transmitter adj2 key) ) or ((mutual\$5 near3 authenticat\$4) or (cross near3 authenticat\$4) or (mutual near3 verif\$6) or (cross near3 verif\$6)))))) | USPAT;<br>EPO; JPO;<br>DERWENT | 2004/09/23<br>09:02 |
|----|----|---|--------------------------------|---------------------|

### Status: Path 1 of [Dialog Information Services via Modem]

### Status: Initializing TCP/IP using (UseTelnetProto 1 ServiceID dialog.com)  
Trying 31060000009999...Open

DIALOG INFORMATION SERVICES

PLEASE LOGON:

\*\*\*\*\* HHHHHHHH SSSSSSSS?

### Status: Signing onto Dialog

\*\*\*\*\*

ENTER PASSWORD:

\*\*\*\*\* HHHHHHHH SSSSSSSS? \*\*\*\*\*

Welcome to DIALOG

### Status: Connected

Dialog level 04.13.01D

Last logoff: 22sep04 13:19:12

Logon file405 23sep04 08:53:22

\*\*\* ANNOUNCEMENT \*\*\*

\*\*\*

--Connect Time joins DialUnits as pricing options on Dialog.  
See HELP CONNECT for information.

\*\*\*

--SourceOne patents are now delivered to your email inbox  
as PDF replacing TIFF delivery. See HELP SOURCE1 for more  
information.

\*\*\*

--Important Notice to Freelance Authors--  
See HELP FREELANCE for more information

\*\*\*

NEW FILES RELEASED

\*\*\*F-D-C Gold/Silver Sheet (File 184)

\*\*\*BIOSIS Toxicology (File 157)

\*\*\*IPA Toxicology (File 153)

\*\*\*

UPDATING RESUMED

\*\*\*

RELOADED

\*\*\*Toxfile (File 156)

REMOVED

\*\*\*

>>> Enter BEGIN HOMEBASE for Dialog Announcements <<<  
>>> of new databases, price changes, etc. <<<

\*\*\*\*

\* \* \* \*

SYSTEM:HOME

Cost is in DialUnits

Menu System II: D2 version 1.7.9 term=ASCII

\*\*\* DIALOG HOMEBASE(SM) Main Menu \*\*\*

Information:

1. Announcements (new files, reloads, etc.)
2. Database, Rates, & Command Descriptions
3. Help in Choosing Databases for Your Topic
4. Customer Services (telephone assistance, training, seminars, etc.)
5. Product Descriptions

Connections:

6. DIALOG(R) Document Delivery
7. Data Star(R)

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/H = Help

/L = Logoff

/NOMENU = Command Mode

Enter an option number to view information or to connect to an online service. Enter a BEGIN command plus a file number to search a database (e.g., B1 for ERIC).

?b 2,6,8,34,434,35,62,77,65,99,144,94,233,238,266,239,275,621,278,278,148,624,267,696

>>> 77 does not exist

>>> 238 does not exist

>>> 278 does not exist

>>>3 of the specified files are not available

23sep04 08:54:18 User264815 Session D72.1

\$0.00 0.200 DialUnits FileHomeBase

\$0.00 Estimated cost FileHomeBase

\$0.23 TELNET

\$0.23 Estimated cost this search

\$0.23 Estimated total session cost 0.200 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 2:INSPEC 1969-2004/Sep W2

(c) 2004 Institution of Electrical Engineers

**\*File 2: Alert feature enhanced for multiple files, duplicates**  
removal, customized scheduling. See HELP ALERT.

File 6:NTIS 1964-2004/Sep W3

(c) 2004 NTIS, Intl Cpyrght All Rights Res

File 8:Ei Compendex(R) 1970-2004/Sep W2

(c) 2004 Elsevier Eng. Info. Inc.

File 34:SciSearch(R) Cited Ref Sci 1990-2004/Sep W3

(c) 2004 Inst for Sci Info

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec

(c) 1998 Inst for Sci Info

File 35:Dissertation Abs Online 1861-2004/Aug

(c) 2004 ProQuest Info&Learning

File 62:SPIN(R) 1975-2004/Jul W4

(c) 2004 American Institute of Physics

File 65:Inside Conferences 1993-2004/Sep W3

(c) 2004 BLDSC all rts. reserv.

File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Aug

(c) 2004 The HW Wilson Co.

File 144:Pascal 1973-2004/Sep W2

(c) 2004 INIST/CNRS

File 94:JICST-EPlus 1985-2004/Aug W4

(c)2004 Japan Science and Tech Corp(JST)

File 233:Internet & Personal Comp. Abs. 1981-2003/Sep

(c) 2003 EBSCO Pub.

File 266:FEDRIP 2004/Jun

Comp & dist by NTIS, Intl Copyright All Rights Res

File 239:Mathsci 1940-2004/Nov

(c) 2004 American Mathematical Society

File 275:Gale Group Computer DB(TM) 1983-2004/Sep 23

(c) 2004 The Gale Group

File 621:Gale Group New Prod.Annou.(R) 1985-2004/Sep 23

(c) 2004 The Gale Group

File 148:Gale Group Trade & Industry DB 1976-2004/Sep 23

(c)2004 The Gale Group

**\*File 148: Alert feature enhanced for multiple files, duplicate**  
removal, customized scheduling. See HELP ALERT.

File 624:McGraw-Hill Publications 1985-2004/Sep 20

(c) 2004 McGraw-Hill Co. Inc

**\*File 624: Homeland Security & Defense and 9 Platt energy journals added**  
Please see HELP NEWS624 for more

File 267:Finance & Banking Newsletters 2004/Sep 20

(c) 2004 The Dialog Corp.

File 696:DIALOG Telecom. Newsletters 1995-2004/Sep 22

| Set  | Items   | Description   |
|--|---------|---|
|  | ---     | -----   |
| ?s (mutual? (2n) authenticat?) or (cross (2n) authenticat?) or (mutual? (2n) verif?) or (cross (2n) verif?)  |         |   |
|  | 537917  | MUTUAL?   |
|  | 102745  | AUTHENTICAT?  |
|  | 1321    | MUTUAL?(2N)AUTHENTICAT?   |
|  | 1745754 | CROSS   |
|  | 102745  | AUTHENTICAT?  |
|  | 160     | CROSS(2N)AUTHENTICAT?   |
|  | 537917  | MUTUAL?   |
|  | 857049  | VERIF?  |
|  | 327     | MUTUAL?(2N)VERIF?   |
|  | 1745754 | CROSS   |
|  | 857049  | VERIF?  |
|  | 833     | CROSS(2N)VERIF?   |
| S1   | 2637    | (MUTUAL? (2N) AUTHENTICAT?) OR (CROSS (2N) AUTHENTICAT?)<br>OR (MUTUAL? (2N) VERIF?) OR (CROSS (2N) VERIF?) |
| ?s medium (2n) key or medium (2n) ID or apparatus (2n) ID or apparatus (2n) key or hardware (2n) ID or hardware (2n) key or serial (2n) number or server (2n) key or server (2n) ID or device (2n) ID or device (2n) key or machine (2n) ID or |         |   |
| >>>Possible typing error near end of command   |         |   |
| ?machine (2n) key or computer (2n) ID or computer (2n) key   |         |   |
| >>>Unrecognizable Command  |         |   |
| ?s medium (2n) key or mediumk (2n) ID or computer (2n) ID or serial (2n) number?   |         |   |
| Processing   |         |   |
| Processed 10 of 20 files ...   |         |   |
| Completed processing all files   |         |   |
|  | 1510439 | MEDIUM  |
|  | 2374959 | KEY   |
|  | 770     | MEDIUM(2N)KEY   |
|  | 0       | MEDIUMK   |
|  | 183267  | ID  |
|  | 0       | MEDIUMK(2N)ID   |
|  | 6324348 | COMPUTER  |
|  | 183267  | ID  |
|  | 522     | COMPUTER(2N)ID  |
|  | 277792  | SERIAL  |
|  | 6770183 | NUMBER?   |
|  | 13256   | SERIAL(2N)NUMBER?   |
| S2   | 14539   | MEDIUM (2N) KEY OR MEDIUMK (2N) ID OR COMPUTER (2N) ID<br>OR SERIAL (2N) NUMBER?                            |
| ?s medium (2n) ID or medium (2n) key or computer (2n) ID or serial (2n) number or device (2n) ID or apparatus (2n) ID or computer (2n) ID  |         |   |
| Processing   |         |   |
| Processed 10 of 20 files ...   |         |   |
| Completed processing all files   |         |   |
|  | 1510439 | MEDIUM  |
|  | 183267  | ID  |
|  | 64      | MEDIUM(2N)ID  |
|  | 1510439 | MEDIUM  |
|  | 2374959 | KEY   |
|  | 770     | MEDIUM(2N)KEY   |
|  | 6324348 | COMPUTER  |
|  | 183267  | ID  |
|  | 522     | COMPUTER(2N)ID  |
|  | 277792  | SERIAL  |
|  | 6077275 | NUMBER  |
|  | 9080    | SERIAL(2N)NUMBER  |
|  | 1770944 | DEVICE  |
|  | 183267  | ID  |
|  | 727     | DEVICE(2N)ID  |
|  | 622012  | APPARATUS   |
|  | 183267  | ID  |
|  | 10      | APPARATUS(2N)ID   |

6324348 COMPUTER  
 183267 ID  
 522 COMPUTER(2N)ID  
 S3 11140 MEDIUM (2N) ID OR MEDIUM (2N) KEY OR COMPUTER (2N) ID OR  
 SERIAL (2N) NUMBER OR DEVICE (2N) ID OR APPARATUS (2N) ID  
 OR COMPUTER (2N) ID  
 ?s (exchang? or forward? or receiv? or send? or sent or transmit?) (s) s3  
 Processing  
 Processed 10 of 20 files ...  
 Completed processing all files  
 3145677 EXCHANG?  
 2147254 FORWARD?  
 3556345 RECEIV?  
 672472 SEND?  
 442739 SENT  
 689776 TRANSMIT?  
 11140 S3  
 S4 1492 (EXCHANG? OR FORWARD? OR RECEIV? OR SEND? OR SENT OR  
 TRANSMIT?) (S) S3  
 ?s s1 and s3  
 2637 S1  
 11140 S3  
 S5 5 S1 AND S3  
 ?s s4 and s1  
 1492 S4  
 2637 S1  
 S6 0 S4 AND S1  
 ?s secret (2n) key or symmetric (2n) key or DES  
 Processing  
 Processed 10 of 20 files ...  
 Completed processing all files  
 142508 SECRET  
 2374959 KEY  
 4345 SECRET(2N)KEY  
 366789 SYMMETRIC  
 2374959 KEY  
 1031 SYMMETRIC(2N)KEY  
 4532835 DES  
 S7 4537466 SECRET (2N) KEY OR SYMMETRIC (2N) KEY OR DES  
 ?s s4 and s7  
 1492 S4  
 4537466 S7  
 S8 35 S4 AND S7